

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| L1 | 2 | "5618265".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:30 |
| L2 | 2 | "20030152828" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:32 |
| L3 | 1 | 1 and (battery batteries) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:32 |
| L4 | 10 | ("5618265").URPN. | USPAT | OR | ON | 2004/12/04 11:34 |
| L5 | 1 | 1 and particle\$1 | USPAT | OR | ON | 2004/12/04 11:34 |
| L6 | 326964 | separator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:35 |
| L7 | 1687800 | adhesive acetate acrylate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:35 |
| L8 | 2636297 | plastic polyimide imide polysulfone sulfone ketone polyphenylene polyacrylate polyamide polybutylene polystyrene polychlorofluoroethane polycarbonate methacrylate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:37 |
| L9 | 490 | (separator with filler) and (filler with (silica alumina titania sieve "calcium carbonate" ("caco.sub.3") ("al.sub.2" "o.sub.3") ("sio.sub.2") ("tio.sub.2") "calcium silicate" glass ceramic ptfе polytetrafluoroethylene teflon)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:48 |
| L10 | 122965 | tack tacking tacki\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:39 |
| L11 | 3 | pvf near1 hfp | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:40 |

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| L12 | 5 | pvd near1 hfp | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:40 |
| L13 | 2816 | hfp | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:40 |
| L14 | 1 | pvf-hfp | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:40 |
| L15 | 1 | pvf hfp | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:40 |
| L16 | 825 | 6 same 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:40 |
| L17 | 5 | 16 and 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:41 |
| L18 | 17485 | 10 near5 (resin hydrocarbon polyolefin\$1 polypropylene polyethylene hfp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:42 |
| L19 | 72 | 18 and 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:44 |
| L20 | 2877 | 429/247 429/248/ 429/249/ 429/250/ 429/251 429/252 429/253 429/254 429/255 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:45 |
| L21 | 9131 | h01m002/16.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:45 |
| L22 | 8446 | h01m002/16.ipc. | EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:45 |

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| L23 | 8 | 22 and 10 | EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:47 |
| L24 | 1 | 1989-374179.NRAN. | DERWENT | OR | ON | 2004/12/04 11:46 |
| L25 | 1 | 1978-39325A.NRAN. | DERWENT | OR | ON | 2004/12/04 11:46 |
| L26 | 1 | 2003-438192.NRAN. | DERWENT | OR | ON | 2004/12/04 11:46 |
| L27 | 44 | 20 and 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:47 |
| L28 | 44 | 27 not 23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:47 |
| L29 | 331891 | (filler particles) with (silica alumina titania sieve "calcium carbonate" ("caco.sub.3") ("al.sub.2" "o.sub.3") ("sio.sub.2") ("tio.sub.2") "calcium silicate" glass ceramic ptfe polytetrafluoroethylene teflon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:50 |
| L30 | 3472 | 29 same separator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:50 |
| L31 | 1339 | 29 with separator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:50 |
| L32 | 655 | 29 and (20 21) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:50 |
| L33 | 287 | 32 and 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 11:53 |
| L34 | 1 | 1986-171464.NRAN. | DERWENT | OR | ON | 2004/12/04 11:51 |
| L35 | 157 | 32 and adhesive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:02 |

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| L36 | 967722 | vinyl acetate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:02 |
| L37 | 14581 | vinylacetate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:02 |
| L38 | 257 | 32 and (36 37) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:06 |
| L39 | 8886 | (microporous micro-porous) near1 (sheet separator membrane) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:06 |
| L40 | 1360 | 39 and 29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:06 |
| L41 | 942 | 40 and 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:07 |
| L42 | 859 | 41 and 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:07 |
| L43 | 682 | 42 not (li lithium) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:07 |
| L44 | 177 | 42 not 43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:11 |
| L45 | 106 | separator same (hotmelt hot-melt) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:15 |

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| L46 | 4250 | homogeneous near3 (separator membrane sheet) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:16 |
| L47 | 571 | 46 and 29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:16 |
| L48 | 47 | 47 and ((adhesi\$4 binder hot-melt\$3 melt\$3 hotmelt\$3) near5 (acrylate acetate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:18 |
| L49 | 67 | separator with ((adhesi\$4 binder hot-melt\$3 melt\$3 hotmelt\$3) near5 (acrylate acetate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:24 |
| L50 | 67 | 49 not 48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:19 |
| L51 | 1 | 1983-54004K.NRAN. | DERWENT | OR | ON | 2004/12/04 12:19 |
| L52 | 8398 | separator with ((adhesi\$4 hot-melt\$3 melt\$3 hotmelt\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:24 |
| L53 | 5290 | separator with ((adhesi\$4 hot-melt\$3 hotmelt\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:24 |
| L54 | 742 | 53 and (separator with 8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:25 |
| L55 | 92 | 54 and 29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:26 |
| L56 | 2371088 | mixture | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:26 |

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| L57 | 707300 | composite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:26 |
| L58 | 2903689 | 56 57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:26 |
| L59 | 2 | "4197148".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:23 |
| L60 | 1 | 59 and 29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:51 |
| L61 | 0 | 59 and (li lithium) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:52 |
| L62 | 15 | "1043796" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:55 |
| L63 | 25162 | (li lithium) adj ion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:55 |
| L64 | 9771 | 63 not ("429"/\$.ccls. h01m\$.ipc.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:55 |
| L65 | 260617 | ("429"/\$.ccls. h01m\$.ipc.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:55 |
| L66 | 245226 | 65 not 63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:55 |

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| L67 | 15391 | 65 not 66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 12:56 |
| L68 | 113 | 67 and (separator with 29) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:03 |
| L69 | 4 | peva with (kynar solef) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:03 |
| L70 | 3364 | separator near4 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:04 |
| L71 | 4379 | (polyethylene poly-ethlyene "poly(ethylene)" adj (vinyl vinylacetate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:04 |
| L72 | 676 | (polyethylene poly-ethlyene "poly(ethylene)" adj (alkyl acrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:05 |
| L73 | 6 | 70 same (71 72) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:05 |
| L74 | 6 | 73 not 69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:05 |
| L75 | 39 | (polyethylene poly-ethlyene "poly(ethylene)" adj (alkyl adj acrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:05 |
| L76 | 329 | (polyethylene poly-ethlyene "poly(ethylene)" adj (alkyl alkylacrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:20 |

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| L77 | 0 | 70 same (lynar solef) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:06 |
| L78 | 4 | 70 same (kynar solef) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:06 |
| L79 | 2948 | kynar solef | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:06 |
| L80 | 129 | 79 near4 (bind\$3 tack tacki\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:07 |
| L81 | 42 | 80 not separator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:07 |
| L82 | 87 | 80 not 81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:16 |
| L83 | 3541846 | separator membrane sheet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:09 |
| L84 | 188 | 83 with (kynar solef) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:09 |
| L85 | 19 | 84 same 29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:11 |
| L86 | 68 | 58 with (kynar solef) with 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:12 |

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| L87 | 61 | 82 and plasticiz\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:20 |
| L88 | 4708 | (polyethylene poly-ethlyene "poly(ethylene") adj (alkyl alkylacrylate vinyl vinylacetate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:20 |
| L89 | 2 | 88 same (kynar solef) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:20 |
| L90 | 30389 | (hotmelt\$ "hot-melt" (hot adj melt\$3)) near1 adhesive\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:24 |
| L91 | 2410 | (hotmelt\$ "hot-melt" (hot adj melt\$3)) near1 glue | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:24 |
| L92 | 31926 | 90 91 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:24 |
| L93 | 6791 | 92 same (separator membrane sheet) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:24 |
| L94 | 578 | 92 same (separator membrane) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:28 |
| L95 | 436 | 94 not (battery batteries electrochemical) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:28 |
| L96 | 142 | 94 not 95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:27 |

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| L97 | 3381 | vinyl near1 (adhesive binder binding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:27 |
| L98 | 21933 | (acetate acrylate vinyl) near2 (adhesive binder binding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:27 |
| L99 | 156 | 98 with (separator membrane) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:28 |
| L100 | 121 | 99 not (battery batteries electrochemical) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:28 |
| L101 | 35 | 99 not 100 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:56 |
| L102 | 7896 | ELECTROLYT\$2 NEAR1 MEMBRANE | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:56 |
| L103 | 44 | 102 WITH 29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:57 |
| L104 | 6 | (US-4068047-\$ or US-4529677-\$ or US-4618401-\$ or US-5456000-\$).did. or (US-3351495-\$).did. or (GB-2149960-\$).did. | USPAT; USOCR; EPO | OR | ON | 2004/12/04 13:57 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 271506 | LITHIUM LI-ION | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:59 |
| L2 | 23476 | LITHIUM ADJ ION LITHIUM-ION LI-ION | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 13:59 |
| L4 | 4833 | 2 NOT (BATTERY BATTERIES ELECTROCHEMICAL) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:47 |
| L5 | 18643 | 2 NOT 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:00 |
| L6 | 772278 | MEMBRANE SEPARATOR | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:00 |
| L7 | 1849062 | PLASTIC | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:01 |
| L8 | 1093476 | POLYIMIDE IMIDE POLYSULFONE SULFONE POLYETHER JETONE POLYPHENYLENE POLYACRYLATE POLYAMIDE POLYBUTYLENE TEREPHTHALATE POLYSTYRENE ANHYDRIDE POLYCHLOROFLUOROETHANE METHACRYLATE | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:02 |
| L9 | 43187 | 6 WITH (7 8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:16 |
| L10 | 616 | 5 and 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:18 |

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| L11 | 2 | "5618265".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:24 |
| L12 | 1 | 11 and (lithium) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:18 |
| L13 | 73 | 10 and kynar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:28 |
| L14 | 738 | 9 and (hotmelt\$3 hot-melt\$3 (hot adj melt\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:29 |
| L15 | 9367 | 9 and adhesive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:29 |
| L16 | 11004 | 9 and (separator membrane with (hotmelt\$3 hot-melt\$3 (hot adj melt\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:30 |
| L17 | 205 | 9 and ((separator membrane) with (hotmelt\$3 hot-melt\$3 (hot adj melt\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:30 |
| L18 | 171 | 9 and ((separator membrane) with (hotmelt\$3 hot-melt\$3 (hot adj melt\$3))) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:31 |
| L19 | 169 | 18 not 5 | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:31 |
| L20 | 0 | 19 not 19 | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:31 |
| L21 | 2 | 18 not 19 | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:32 |

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| L22 | 276407 | petroleum | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:32 |
| L23 | 1316 | 22 with separator | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:32 |
| L24 | 1287 | 23 not ("429"/\$.ccls. h01m\$.ipc.) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:32 |
| L25 | 29 | 23 not 24 | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:35 |
| L26 | 311156 | petroleum escorez kynar "pvdf-hfp" "hfp-pvdf" "pvdf/hfp" hexafluoropropylene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:36 |
| L27 | 772278 | separator membrane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:36 |
| L28 | 2468 | 27 with 26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:36 |
| L29 | 9773 | 27 with ((fumed adj silica) (fumed adj sio2) (fumed adj "sio.sub.2") (alumina al2o3 "al.sub.2 o.sub.3" "aluminum oxide") (titania tio2 "tio.sub.2" "titanium dioxide") (molecular adj sieve) ("calcium carbonate" caco3 "caco.sub.3") ("calcium silicate" casio4 "casio.sub.4")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:48 |
| L30 | 185973 | vinylacetate\$ (vinyl adj acetate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:41 |
| L31 | 185954 | vinylacetate (vinyl adj acetate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:41 |

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| L32 | 35981 | alkylacrylate (alkyl adj acrylate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:42 |
| L33 | 1645 | (separator membrane) with (31 32) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:42 |
| L34 | 1419 | 33 NOT (BATTERY BATTERIES ELECTROCHEMICAL) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:42 |
| L35 | 226 | 33 not 34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:44 |
| L36 | 3849 | (31 32) with ((fumed adj silica) (fumed adj sio2) (fumed adj "sio.sub. 2") (alumina al2o3 "al.sub.2 o.sub.3" "aluminum oxide") (titania tio2 "tio. sub.2" "titanium dioxide") (molecular adj sieve) ("calcium carbonate" caco3 "caco.sub.3") ("calcium silicate" casio4. "casio.sub.4")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:45 |
| L37 | 3781 | 36 not separator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:45 |
| L38 | 68 | 36 not 37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:45 |
| L39 | 199321 | (31 32) NOT (BATTERY BATTERIES ELECTROCHEMICAL) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:48 |
| L40 | 6828 | (31 32) not 39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:48 |

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|------|-----|--|---|----|----|------------------|
| L41• | 152 | 40 and ((separator menbrane) same ((fumed adj silica) (fumed adj sio2) (fumed adj "sio.sub.2") (alumina al2o3 "al.sub.2 o.sub.3" "aluminum oxide") (titania tio2 "tio.sub.2" "titanium dioxide") (molecular adj sieve) ("calcium carbonate" caco3 "caco.sub.3") ("calcium silicate" casio4 "casio.sub.4")))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:49 |
| L42 | 59 | 41 not 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:49 |
| L43 | 93 | 41 not 42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/04 14:49 |
| L44 | 1 | (US-3351495-\$.did. | USOCR | OR | ON | 2004/12/04 14:51 |